

U.S. Army

Soldier and Biological Chemical Command

Edgewood Area - Aberdeen Proving Ground, Maryland 21010-5424

Chemical Biological Rapid Response Team (CBRRT)

Deployable Response and Graphic Operations Network (DRAGON)

DULLESP1 The CBRRT DRAGON System

Planning and communication tools are essential to successfully minimize the impact of actual or potential terrorist attacks. To address this need the CBRRT has developed an integrated, self contained, deployable Command, Control, and Communications (C3) Center that allows for integrated, structured, and controlled planning and incident response.

DRAGON is a command suite of computers and ancillary hardware that seamlessly integrates all aspects of communication and emergency planning/response software. This rapidly deployable system can perform the functions of a centralized emergency operations center while providing specific capabilities that may be

system can perform the functions of a centralized emergency operations center while providing specific capabilities that may be uniquely required by transient and highly mobile response teams. The DRAGON System is scalable to allow as many on-site users as needed and facilitates off-site user participation via phone or Internet EMSe Web Site.



All communications are logged in hierarchical or structured subdivided "event logs" that allow for real-time monitoring and afteraction review. This structure ensures completeness while easing the retrieval of individual records by storing the information in a tree structure sorted by group, subgroup, command, etc. The DRAGON System also provides a multi-layered, multi-source mapping and modeling integration system which displays a toggled list of ARCView/GIS emergency planning information such as the location and vital statistics of day care centers, schools, hospitals, police stations, daytime/nighttime population, street closings, evacuation routes, and any other information necessary to manage an emergency response event. The system includes all major chemical and biological plume modeling software and is designed with "hooks" for new and/or improved plume modeling packages. The system currently uses five different mapping sources (including aerial and/or satellite photography) that are interchangeable and can be overlaid for feature enhancement.





